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(FILE 'USPAT' ENTERED AT 17:25:47 ON 09 JUL 1999)
L1      1211 SEA PLU=ON  (RING OR WRAP) (A) (SPINNING OR SPIN OR SPUN)
L2      825 SEA PLU=ON  YARN(P) L1
L3      697 SEA PLU=ON  L1 (20A) YARN
L4      261 SEA PLU=ON  YARN/TI AND L3
L5      2359 SEA PLU=ON  (BINDER OR BONDING) (A) (FIBER OR FIBRE OR FIBRO
US)

L6      7 SEA PLU=ON  L4 AND L5
        SEL L4 1-100 CCLS
L7      79 SEA PLU=ON  (((RING/AB OR WRAP/AB) (A) (SPINNING/AB OR SPIN/
AB
        OR SPUN/AB)) (20A) YARN/AB)
L8      41 SEA PLU=ON  YARN/TI AND L7
L9      7 SEA PLU=ON  L4 AND L5
        SEL 1- CCLS

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FILE USPAT

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*   U. S.   P A T E N T   T E X T   F I L E   *
*
*   THE WEEKLY PATENT TEXT AND IMAGE DATA IS CURRENT   *
*   THROUGH July 06, 1999                               *
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* * * * *

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| E#  | FILE  | FREQUENCY | TERM           |
|-----|-------|-----------|----------------|
| --- | ----  | -----     | ----           |
| E1  | USPAT | 14        | 57/328/CCLS    |
| E2  | USPAT | 10        | 57/264/CCLS    |
| E3  | USPAT | 9         | 57/261/CCLS    |
| E4  | USPAT | 9         | 57/315/CCLS    |
| E5  | USPAT | 8         | 57/12/CCLS     |
| E6  | USPAT | 8         | 57/22/CCLS     |
| E7  | USPAT | 7         | 57/210/CCLS    |
| E8  | USPAT | 7         | 57/224/CCLS    |
| E9  | USPAT | 7         | 57/279/CCLS    |
| E10 | USPAT | 7         | 57/350/CCLS    |
| E11 | USPAT | 6         | 57/252/CCLS    |
| E12 | USPAT | 6         | 57/281/CCLS    |
| E13 | USPAT | 6         | 57/6/CCLS      |
| E14 | USPAT | 5         | 57/255/CCLS    |
| E15 | USPAT | 5         | 57/333/CCLS    |
| E16 | USPAT | 5         | 57/352/CCLS    |
| E17 | USPAT | 5         | 57/75/CCLS     |
| E18 | USPAT | 4         | 242/476/CCLS   |
| E19 | USPAT | 4         | 442/187/CCLS   |
| E20 | USPAT | 4         | 57/3/CCLS      |
| E21 | USPAT | 4         | 57/400/CCLS    |
| E22 | USPAT | 4         | 57/408/CCLS    |
| E23 | USPAT | 3         | 19/288/CCLS    |
| E24 | USPAT | 3         | 19/65A/CCLS    |
| E25 | USPAT | 3         | 242/475.8/CCLS |

| E#   | FILE  | FREQUENCY | TERM          |
|------|-------|-----------|---------------|
| --   | ----  | -----     | -----         |
| E199 | USPAT | 3         | 57/238/CCLS ✓ |
| E200 | USPAT | 3         | 57/252/CCLS   |
| E201 | USPAT | 3         | 57/255/CCLS   |
| E202 | USPAT | 2         | 28/240/CCLS   |
| E203 | USPAT | 2         | 28/245/CCLS   |
| E204 | USPAT | 2         | 428/375/CCLS  |
| E205 | USPAT | 2         | 57/200/CCLS   |
| E206 | USPAT | 2         | 57/210/CCLS   |
| E207 | USPAT | 2         | 57/243/CCLS   |
| E208 | USPAT | 2         | 57/256/CCLS   |
| E209 | USPAT | 2         | 57/328/CCLS   |
| E210 | USPAT | 1         | 139/399/CCLS  |
| E211 | USPAT | 1         | 15/229.1/CCLS |
| E212 | USPAT | 1         | 156/148/CCLS  |
| E213 | USPAT | 1         | 156/158/CCLS  |
| E214 | USPAT | 1         | 19/0.35/CCLS  |
| E215 | USPAT | 1         | 19/0.39/CCLS  |
| E216 | USPAT | 1         | 19/0.46/CCLS  |
| E217 | USPAT | 1         | 19/0.58/CCLS  |
| E218 | USPAT | 1         | 19/3/CCLS     |
| E219 | USPAT | 1         | 19/35/CCLS    |
| E220 | USPAT | 1         | 26/8R/CCLS    |

*bindenfig*

57/251  
252  
244  
328

1. 5,478,624, Dec. 26, 1995, Synthetic yarn with heat-activated binder fiber; Robert A. Lofquist, 428/97; 26/8R; 28/214; 57/236, 255, 282; 139/399 [IMAGE AVAILABLE]
2. 5,182,154, Jan. 26, 1993, Stain resistant nylon carpets; Randolph C. Blyth, et al., 428/96, 97, 375, 378, 395 [IMAGE AVAILABLE]
3. RE 33,365, Oct. 2, 1990, Stain resistant nylon fibers; Randolph C. Blyth, et al., 428/97, 395 [IMAGE AVAILABLE]
4. 4,892,558, Jan. 9, 1990, Process for dyeing stain resistant nylon carpets; Randolph C. Blyth, et al., 8/560; 428/96, 97 [IMAGE AVAILABLE]
5. 4,879,180, Nov. 7, 1989, Stain-resistant nylon fibers; Randolph C. Blyth, et al., 428/395 [IMAGE AVAILABLE]
6. 4,871,604, Oct. 3, 1989, Binder powder carpet fiber; Lewis R. Hackler, 428/96; 156/72; 427/189, 195, 208.2; 428/87, 95, 97, 370, 372 [IMAGE AVAILABLE]
7. 4,839,212, Jun. 13, 1989, Stain resistant nylon carpets; Randolph C. Blyth, et al., 428/96, 97, 395 [IMAGE AVAILABLE]
8. 4,680,212, Jul. 14, 1987, Stain resistant nylon fibers; Randolph C. Blyth, et al., 428/97, 395 [IMAGE AVAILABLE]

*For spin  
{ ring spinning  
quitting*